

Marquess, Scott

From: Darrel Plummer <DPlummer@kdheks.gov>
Sent: Friday, June 06, 2014 2:34 PM
To: Brune, Doug
Cc: Cathy Tucker-Vogel; William Carr; Dianne C. Sands; Dan Clair
Subject: RE: FYI - Biologic Treatment for Nitrate

From my read of this they are only addressing the waste stream side of the process. Typically, RO for nitrate removal is expensive in itself, then there is the cost for the handling of the waste stream and other operation and maintenance. If this process works, I can see it, maybe, making the differences in cost between RO and ion exchange less dramatic at best but for systems that aren't already treating for nitrates, ion exchange treatment will still likely be cheaper and that is still a huge "bite" for these small systems. We would at least require a demonstration project for any system that is seriously considering this in Kansas.

Thanx,
Darrel

From: Brune, Doug [mailto:Brune.Doug@epa.gov]
Sent: Friday, June 06, 2014 2:03 PM
To: Darrel Plummer
Cc: Cathy Tucker-Vogel; William Carr; Dianne C. Sands; Dan Clair
Subject: FYI - Biologic Treatment for Nitrate

Good afternoon:

I read in the Huchison News from a Topeka Capital Journal article that Pretty Prairie received an engineering report, and plans to come to Topeka on Tuesday to learn of funding potentials.

I was searching the AWWA website about their conference next week, and learned of a new treatment for nitrate (biologic).

Below is a page from one of the system's recent newsletter. And here is more information about the demonstration event:

<http://www.pipestonestar.com/Stories/Story.cfm?SID=41264>

I have a request into the Minnesota Dept of Health for results on this demonstration event that were/are due in January.

Please note this is not an endorsement.

If you are meeting with Pretty Prairie next week, you might want to consider this as an option.

Enjoy the weekend.

← → http://lprw.ruralwaterusa.com/documents/325/2013_Newsletter.pdf

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Exploring New Treatment Processes



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Adversity causes some to break and others to break records. William A. Ward